

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 11/17/2015, 11/18/2015, 11/19/2015	Man Days: 3
Inspection Unit: Pana	
Location of Audit: Pana	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance	

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
<u>General Comment:</u> <i>Meters that were inspected during this audit are listed below.</i> 148 South Locust Street 335 West 2nd Street 910 East 7th Street 153A 801 North Elm Street 612 North Elizabeth Street 711 South Spruce Street 601 North Elm Street 506 North Walnut Street		
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<u>General Comment:</u>		
<i>All regulators had vents in them.</i>		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
<u>General Comment:</u>		
<i>All vent are located so they can vent to the atmosphere.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Satisfactory
<u>General Comment:</u>		
<i>Meters that were inspected are not in a flood plain.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
<u>General Comment:</u>		
<i>Meter sets are installed so no stress is on the piping at the meter set.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
<u>General Comment:</u>		
<i>All regulators are vented to the outside atmosphere.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
<u>General Comment:</u>		
<i>Meter casings are rated to 5 psig, and the meters are located after the regulator.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
<u>General Comment:</u>		
<i>All shutoff valves are before the regulator and meter.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable
<u>General Comment:</u>		
<i>All service line valves are above ground.</i>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Checked
<u>General Comment:</u>		
<i>No discontinued service lines were inspected during this audit.</i>		
CATHODIC PROTECTION		Status

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
<u>General Comment:</u> Corrosion reading met the code requirements.		
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
<u>General Comment:</u> Corrosion readings were taken at the following locations listed below. 148 South Locust Street -1.63 335 West 2nd Street -1.22 910 East 7th Street -1.19 153A 801 North Elm Street -1.25 612 North Elizabeth Street -1.13 711 South Spruce Street -1.29 601 North Elm Street -1.23 506 North Walnut Street -1.55		
[192.465(b)]	Were rectifier installations inspected?	Not Checked
<u>General Comment:</u> Rectifiers were not inspected during this audit.		
[192.465(a)]	Were isolated mains/services tested?	Satisfactory
<u>General Comment:</u> Isolated service were inspected at the following locations. 401 North State Street -1.06 917 East 3rd Street -1.04 915 East 2nd Street -1.16 216 South Hickory Street -1.00 220 South Hickory Street -1.00 307 West DeWitt Street -.90		
[192.465(c)]	Were critical/non critical bonds tested?	Not Applicable
<u>General Comment:</u> No critical or non-critical bonds were inspected during this audit.		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<u>General Comment:</u> Insulated meter spuds were on each meter set.		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
<u>General Comment:</u> Casings were not inspected during this audit.		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<u>General Comment:</u>		
<i>Meter sets that staff inspected were painted.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u>		
<i>No corrosion or pitting was found during this audit.</i>		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
<u>General Comment:</u>		
<i>Notification of an excavation activity was inspected at 111 South Oak Street in Assumption, Illinois. The Julie dig number is X003260213, with the line being located in the proper time frame.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
<u>General Comment:</u>		
<i>The timeframe of dig start time 11-16-15 to 12-09-15.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
<u>General Comment:</u>		
<i>The service line was located for correct markings, with the marks being right on.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<u>General Comment:</u>		
<i>Line markers were inspected at each regulator station.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
<u>General Comment:</u>		
<i>Line markers were inspected at each regulator station.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
<u>General Comment:</u>		
<i>Line markers were inspected at each regulator station.</i>		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
<u>General Comment:</u> Line markers had the proper wording "Warning," "Caution," or "Danger" located on them.		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
<u>General Comment:</u> The line markers had the emergency phone number 1-800-755-5000 on them.		
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
<u>General Comment:</u> Regulator station were inspected at the following locations. Jefferson Street & Pine Street Route 16 West & Dick Clark Road Route 16 West & Rose Township Road Cold Springs Road 7th Street Between Ketchell & Fair State Street		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
<u>General Comment:</u> Regulator stations were protected by fences or distance.		
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
<u>General Comment:</u> Gauges were inspected for abnormally pressure indications.		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	Not Checked
<u>General Comment:</u> Overpressure protection was not checked during this audit.		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
<u>General Comment:</u> <i>Support were made of noncombustible materials</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
<u>General Comment:</u> <i>All outlet ports were turned down, and discharge stacks had flappers installed on them.</i>		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
<u>General Comment:</u> <i>All valves on the regulator runs were locked off.</i>		
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
<u>General Comment:</u> <i>Valves were accessible with a valve wrench, the valves are listed below.</i> <i>Jefferson Street & Pine Street D006</i> <i>Route 16 West & Dick Clark Road T626</i> <i>Route 16 West & Rose Township Road T628</i> <i>Cold Springs Road D053</i> <i>7th Street Between Ketchell & Fair D052</i> <i>State Street D54</i>		
ODORIZATION OF GAS		Status
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Satisfactory
<u>General Comment:</u> <i>Odor level readings were taken at the following locations</i> <i>Ameren Shop .15% and .25%</i> <i>Inter National Green House .25% and .35%</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
<u>General Comment:</u> <i>Tank levels were not inspected during this audit.</i>		
[192.625(f)]	Was the operator's equipment calibrated as required?	Satisfactory
<u>General Comment:</u>		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Bacharach serial number AT1362, with the calibrated date being 12-26-14 to 12-26-15.

TRANSMISSION		Status
<u>Category Comment:</u> <i>No transmission lines or valves were inspected during this audit.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
[192.745(a)]	Were the valves inspected accessible?	Not Checked
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Checked
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u> <i>The required markings were inspected during this audit, with all pipe and fittings being properly marked.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u> <i>A form 15 was not completed during this audit.</i>		

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.